# An Overview of Integrated Research, Education, and Extension Programs

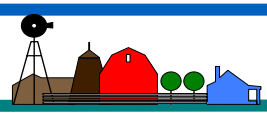
# CSREES Integrated Programs

***Solving today's problems through integrated***

***Research,***

***Education, &***

***Extension***



# CSREES Integrated Programs

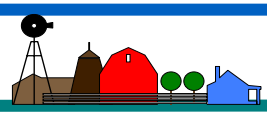
*What does optimal integration look like?*

Research, education, and extension components complement one another and are truly necessary for the ultimate success of the project.

# CSREES Integrated Programs

## *Integrated Project Characteristics*

- Stakeholder Driven
- Issue/Problem Focused
- Outcome Oriented



# CSREES Integrated Programs

*Strong Integrated Projects Include:*

- Collaborative Team Approach
- Management Plan
- Evaluation Plan
- Sustained Educational Initiatives

# National Research Initiative Integrated Projects

Authorized by Congress
in 2003

May expend up to 22% of NRI Budget under the same terms and conditions as those provided in section 401 of the Agricultural Research, Extension, and Education Reform Act of 1998 (AREERA)

# NRI Integrated Projects

## Eligibility

- Federal research agencies
- National laboratories
- Colleges or universities
- Private research organizations
- State agricultural experiment stations

# Integrated Project Grants

- All applications
- Research, Education, Extension (only 2 of 3 components are required)
- Award size depends on program ($450 thousand to $5 million)

# Bridge Grants

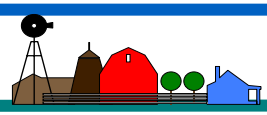
- To assist small to mid-sized and minority-serving* institutions

- One-time infusion of up to $100K
- May not apply directly for bridge grants

* Enrollment of one or more minority groups exceeds 50% of total

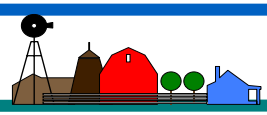
# NRI Integrated Opportunities in FY 2007

- Animal Reproduction
- Animal Growth & Nutrient Utilization
- Animal Genome: Applied Animal Genomics
- Animal Protection & Biosecurity: Animal Well-Being
- Animal Protection & Biosecurity: Animal Biosecurity Coordinated Agricultural Project (CAP)
- Plant Biosecurity
- Plant Biology: Environmental Stress
- Plant Biology: Gene Expression & Genetic Diversity
- Plant Genome: Applied Plant Genomics Coordinated Agricultural Project (CAP)



# NRI Integrated Opportunities in FY 2007

- Bioactive Food Components for Optimal Health
- Human Nutrition and Obesity
- Improving Food Quality and Value
- Epidemiological Approaches for Food Safety
- Air Quality
- Biology of Weedy and Invasive Species in Agroecosystems
- Managed Ecosystems
- Agricultural Prosperity for Small and Medium-Sized Farms



# Integrated Research, Education, and Extension (Section 406)

- Authorized in Section 406 of the Agricultural Research, Extension and Education Reform Act of 1998.
- Provides funding for integrated, multifunctional agricultural research, extension, and education activities.

# Section 406
# Program Characteristics

Open to Colleges and Universities, as defined in Section 1404 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977

- Accredited colleges and universities that grant a bachelor's degree or any other higher degree

1994 institutions also eligible (2002 Farm Bill)

Matching if commodity specific

Grant size varies by program

Success rate varies by program

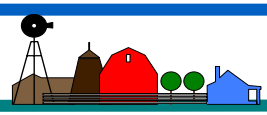
# Section 406 Appropriations

| | |
|---|---|
| 2000 | $39.54 M |
| 2001 | 41.85 M |
| 2002 | 42.85 M |
| 2003 | 44.23 M |
| 2004 | 39.55 M |
| 2005 | 43.06 M |
| 2006 | 42.29 M |

# Integrated Research, Education, and Extension (Section 406)

## Program areas:

- Food Safety - National Integrated Food Safety Initiative
- Water Quality - National Integrated Water Quality Program
- Integrated Organic Program



# Integrated Research, Education, and Extension (Section 406)

## Program areas:

- Integrated Pest Management:
  - Crops at Risk (CAR)
  - Risk Avoidance and Mitigation (RAMP)
  - IPM Centers
- Methyl Bromide Transitions